

DAT Conference Call Summary 4/22/2008

I. Participants

JSpeegle(FWS), JWhite(DFG), AChu(DWR), FFeyrer(DWR), GAasen (DFG), DAbellon (DWR), LBartoo (FWS), NHindman (FWS), DCox (FWS), THinojosa (DWR), JSnow (WWD), ADVorak (SWC), BOppenheim (NMFS)

II. Conclusions and Recommendation

No operational changes were recommended at this time.

Next DAT Call: Tuesday, 5/20/2008, 9:00 am - 11:00 am, (916) 657-4111.

III. Chinook Salmon Monitoring

Red Bluff Diversion Dam: No Report

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php

Mill Creek: Total catch of fall and spring run sized salmon fry/smolt for the week was 355, 323 of which were collected on a single day. Other catches included: 4 spring run yearlings, and 38 steelhead.

Deer Creek: No report.

Butte Creek: No report.

GCID: No report.

Knights Landing: For the period of April 12-18, 8 chinook salmon fry/smolt, plus 4 ad clipped fry/smolt, were collected.

IV. Delta Monitoring

04/13/08 - 04/19/08

Sacramento MWTR, 3 days, 30 samples, 17 CHNF, 16 CHNS, & 29 CHNT
Mossdale KDTR, 3 days, 36 samples, 1 CHNF, 26 CHNS, 92 CHNT (Spray Dye Study) & 2 SPLT

Chippis MWTR, 2 days, 25 samples, 28 CHNS, 9 CHNT, 2 RBT, 1 RBTC & 2 SPLT

Lower Sacramento Seine, 1 day, 6 samples, 7 CHNF, 1 CHNS & 1 SPLT North Delta Seine, 1 day, 7 samples, 9 CHNF & 2 CHNS Central Delta Seine, 1 day, 10 samples, 7 CHNF, 1 CHNS & 1 DSM (70 mm) South Delta Seine, 1 day, 7 samples, No species of concern San Joaquin Seine, 1 day, 8 samples, 1 CHNF & no other species of concern Bay Seine, 1 day, 5 samples, No species of concern

V. Delta Smelt Monitoring

Spring Kodiak Trawl: <http://www.delta.dfg.ca.gov/data/skt/>

Supplemental Survey (named survey 14) is scheduled for 04/21 and 04/22
South Delta stations 809, 902, 915, 812 and 815 were completed on 4/21, as were
3 additional tows - 1 tow on the Old River in front of the radial gates, 1 tow in
front of the federal facility, and 1 tow on the Old River in between.
Upper Sacramento/Cache region stations will be completed on 4/22.

Survey 5 is scheduled for 05/05 to 05/09

20mm Survey: <http://www.delta.dfg.ca.gov/data/20mm/>

Survey 3 was completed on 4/14 to 4/18.

Samples are still being processed. 35 stations have at least one tow completed
and 7 stations have all 3 tows completed.

4 delta smelt were collected at station 718. Size range was 9-12mm.

921 longfin smelt have been collected at 24 stations. Size range was 7-37mm.

SWG: http://www.fws.gov/sacramento/es/delta_smelt_working_group.htm

The SWG meets again on May 19th.

VI. Salvage Facilities

Salvage web site: <http://www.delta.dfg.ca.gov/Data/Salvage/>

Reporting Period: 4/14/2008 to 4/20/2008

Chinook salmon:

Winter-run sized nonclipped salmon was only salvaged at the SWP.

Season total loss for nonclipped winter-run is 375 at the CVP and 900 at the SWP.

Fall-run sized nonclipped salmon were salvaged only at the SWP.

No late fall-run sized salmon were salvaged at the SWP or CVP.

Spring-run sized nonclipped salmon (313) were salvaged at the CVP.

A substantial increase in spring-run sized nonclipped salmon (538) were salvaged
at the SWP.

No spring-run sized clipped salmon were salvaged at CVP or SWP

Season total loss for all races for both facilities is 5962 ad clipped and 5620
unclipped salmon

Steelhead:

Compared to last reporting period, the daily numbers of salvaged steelhead are
higher (36 vs.6) at the SWP and the CVP (20 vs. 16).

For the period of reporting, at the SWP, the salvage total of clipped steelhead is 18 and for nonclipped is 18.

For the period of reporting, at the CVP, the salvage total clipped steelhead is 4 and for nonclipped is 16.

Seasonal total salvage for CVP is 1570 clipped and 277 nonclipped steelhead
Seasonal total salvage for SWP is 1236 clipped and 603 nonclipped steelhead

Delta smelt:

Two adult delta smelt were salvaged at the SWP for the period of reporting 18th
1 adult male 70mm. sampled for 30 pumped for 60 so expanded to 2
Seasonal salvage totals are 252 for CVP and 100 for SWP
No delta smelt larva less than 20 mm was sampled at the CVP or SWP

Longfin smelt:

Juvenile longfin smelt were salvaged at the SWP and the CVP for the period of reporting. Seasonal salvage totals are 159 for CVP and 92 for SWP
Longfin smelt larva less than 20 mm were sampled at the CVP on 4/14/2008 to 4/17/2008, and 4/19/2008 to 4/20/2008.

A substantial number of age-0 longfin smelt (juveniles) were salvaged at SWP on 4/17/2008 (30), 4/18/2008 (20), and 4/20/2008 (2).

Sacramento splittail:

Both CVP and SWP reported salvaging Sacramento splittail during this period.

For this reporting period, salvage totals for splittail was 220 for SWP which was an increase from the last reporting period (144). Four splittail were salvaged at the CVP which was a decrease from the last reporting period (8).
Total seasonal salvage for both facilities was 4987.

Sturgeon:

No white or green sturgeon was salvaged at the CVP or the SWP for the period of reporting.

VII. Operations

SWP Delta Ops Summary: <http://swpoco.water.ca.gov/cmplmon/reports/deltaops.html>

USBR CVO Reports: <http://www.usbr.gov/mp/cvo/>

SWP:

CCFB – 700cfs.

Oroville – 2500cfs

San Luis - SWP share of San Luis capacity is 878 taf.

X2 - ~ 74.4 km

E/I - 14-day ~10.6%

CVP:

Jones PP – 800cfs

DCC - closed.

Trinity – 300cfs

Clear Creek – 200cfs

Keswick – 7000cfs

Nimbus – 1000cfs

Goodwin –1350 cfs

San Luis - CVP share of capacity is 682 taf.

Flows:

Sacramento River at Freeport ~ 11,477cfs

San Joaquin River at Vernalis ~ 2588cfs (target at 3200 today for VAMP)

Delta Outflow ~ 12,179cfs. 3-day average is 11,882cfs.

Old & Middle River flow ~ 7-day average is --1104 cfs as of April 15th
(provisional estimate is –1382cfs as of April 21th).

Temperature:

Daily average for 4/21/08

Antioch ~ 15.3C

Rio Vista ~ 15.9C

Mossdale ~ 15.4C

3-Station Average ~ 15.5C

VIII. Delta Water Quality

The Delta was declared to be in "balanced condition" as of April 10, 2008. Salinity in the Delta is generally okay and continues to remain below concern levels with exception of South Delta.

Chipps Island X2 standard:

The standard for April requires 21 days at Chipps Island by either a maximum daily EC of 2.64, a maximum 14-day running average EC of 2.64, or a 3-day average outflow of 11,400cfs. As 4/21/08, 18 days have been met.

E/I:

35%

Delta Cross Channel:

The gates must be closed from February 1st to May 20th for the protection of winter-run Chinook.

Contra Costa Canal:

Cl \leq 250 mg/L. In addition, Cl \leq 150 mg/L are projected to be required for 165 days per year.

South Delta:

30-day average EC \leq 0.7 mS/cm.

Suisun Marsh:

\leq 11.0 mS/cm.

West Delta Salinity:

Emmaton, Jersey Point, Terminous, San Andreas: 14-day average EC \leq 0.45 mS/cm

San Joaquin Salinity:

14-day average EC \leq 0.44 mS/cm

VAMP:

Starts on April 22nd.

1,500cfs combined exports.

Approximately 3,200 pulse flow depending on water year type.

Final copies of the DAT notes are now available on the CALFED Operations website at <http://www.woco.water.ca.gov/calfedops/datsummaries.html>